

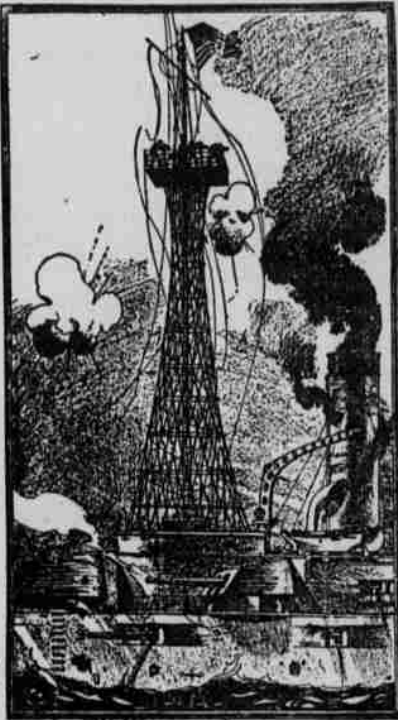
NEW MILITARY MAST

SKELETON OF STEEL MESH
PROVES ITS VALUE.

Conditions of Actual Warfare Are Reproduced for Experimental Purposes—Tower Built on Double Spiral Principle.

New York.—Tremendous sums are annually expended in target practice by the navy of this nation. The ultimate end sought for in this sedulous training and costly expenditure is the acquiring of an ability to hit the enemy first, to hit rapidly and to hit hard.

In a recent notable test which was conducted by the British admiralty it



New Skeleton Military Mast.

was found that the ordinary cylindrical steel mast with which all battleships are now fitted is wholly unsuited in time of actual warfare. The range-finders, one of the most important instruments carried on a modern warship, are located in the fighting-top, and when these were carried away by the first few shots the ship was practically disabled.

This brought naval administrations face to face with new conditions. The need of some method of carrying range-finders high in air was shown. Some of our own very alert and progressive navy officers at once set about solving the problem. The result is the test to which the monitor Florida was subjected a few days ago. The Arkansas, a sister ship, was selected to do the firing.

It was the first time in the history of the United States navy that actual conditions of warfare were reproduced for experimental purposes. Three tests were ordered; one to determine the effect of shell fire upon turret armor and turret fittings, one for the purpose of showing the usefulness, if any, of crinoline nets as a protection against torpedoes, and another, regarded by naval men as the most important of the series, intended to test the relapse safety of a new type of skeleton mast.

The mast is described as a mesh of steel, 96 feet in height, and carried near the stern of the monitor. It was built upon a double spiral principle, each set of spiral columns running in an opposite direction. At the top was a platform upon which were two drums weighted and wired for recording the shock of the projectile. The steel rods which form the mast are two inches in diameter at the base, narrowing at the top. The experts who had designed it had employed all of their mechanical skill to construct a framework that would still remain erect though pierced by many shot.

It was necessary to reconcile two conditions. The steel skeleton must be of great strength, and yet its parts

must be so light that the impact of a shell cutting through the latticelike frame would not receive enough resistance to explode it. Modern shells, particularly those of the smaller caliber, are fitted with a percussion fuse so sensitive that the resistance offered by the crest of a very small wave is sufficient to explode them. And one of these bursting in the framework would be more than likely to tear the structure to pieces and bring it crippling to the deck, observers, range-finders and all.

The mast was subjected to a thorough test and emerged successful. The first shot, a four-inch projectile, cut one of the steel rods. The second cut several more rods, but did not injure its stability. A 12-inch projectile likewise did very little damage. When five shots had been fired at the mast Lieut. Richard D. White and Lieut.-Com. George Bradshaw, assistant inspector of the target practice, climbed to the platform at the top of the mast and shook it with all their strength, but still the mast stood firm.

NEW PRESIDENT OF PERU.

Senor Leguia Elected to Succeed Dr. Pardo.

Washington.—Senor Don Augusto B. Leguia, who has been elected to succeed Dr. Pardo as president of Peru, is one of the best friends the United States ever has had in South America. The richness of Peru is proverbial, and for years Senor Leguia has maintained that every effort should be made to encourage the investment of American capital in enterprises intended to develop and exploit the wonderful resources of his country. His liking for American methods is probably partly due to the fact that a large part of his early commercial training was acquired in the Spanish-American department of the New York Life Insurance company. He was with this corporation for years, and when he resigned his position in 1899 he had worked his way up from a clerkship to the management of all the interests of the New York Life in Peru. Since retiring from the insurance business Senor Leguia has been the managing director of the British Sugar Estates, limited, which has several million dollars invested in sugar estates in different parts of Peru, and he is also the largest stockholder in six other important industrial and commercial enterprises.

Senor Leguia entered political life in 1903 as minister of finance in President Candamo's government, of which the present president of Peru, Dr. Jose Pardo, was prime minister. President Candamo lived only six months after taking office, and when the vacancy caused by his death was filled by the election of President Pardo, Senor Leguia was made prime minister and intrusted with the forming of a new cabinet.

Senor Leguia is 45 years old, having been born at Lambayeque, in the north of Peru, February 19, 1863.

Discriminating Advertising.

Mrs. Highwind—Here, my dear, is an advertisement I have written, asking for summer board. Please leave it at the office of the Daily Reliable on your way down-town.

Mr. Highwind—My dear, the Daily Sensation has a much larger circulation.

Mrs. H.—Very likely; but the people who take the Daily Sensation are not the sort of people I care to board with.—N. Y. Weekly.

What Colleges Can Do.

Mrs. Mater—Have you seen Mr. Pater's son since he got home from college?

Daughter—Yes, ma; saw him last night.

"Has he improved much?"

"Awfully. He's got a mustache."—N. Y. Weekly.

A Woman, A Dog, Etc.

"I've got a wife that can't be beat."
"Been trying it?"—Cleveland Leader.

AN EARLY VICTIM.



"What is the matter, Jack?"
"Boohoo! Catherine says she's decided I ain't her affinity after all!"

The Merry Widow.

A man whose wife was extremely jealous planned a pleasant surprise for her in the form of a trip to New York to see "The Merry Widow," and wrote a friend in the city to let him know the earliest date for which he could secure seats. The next day when he was away from home the following telegram was delivered there, addressed to him, but opened by his wife:

"Nothing doing with the widow until the tenth. Will that suit you?"
Explanations were demanded.—Lippincott's.

Attractions of Flowers.

A flower has an almost human way of first attracting insects. This is by appealing to their fondness for sweet things. There is secreted in every flower a store of honey, large or small, as the case may be, to which the midge, the butterfly, the bee, the blue-bottle fly and other insects are attracted.

On the Country Picnic.

She hung her head.
"Really, Mr. Mannering," she stammered, "this—er—is so—so sudden—"
"For goodness sake," cried Mannering, "stop blushing so. Here comes a bull!"

In a Pinch, Use ALLEN'S FOOT-EASE.

A powder. It cures painful, smarting, nervous feet and ingrowing nails. It's the greatest comfort discovery of the age. Makes new shoes easy. A certain cure for sweating feet. Sold by all Druggists, 25c. Accept no substitute. Trial package, FREE. Address A. S. Olmsted, Le Roy, N. Y.

It is a foolish habit to borrow trouble or meet it half way. Cultivate a cheerful mind and heart, and much imaginary trouble will be avoided.—Hedley.

FITS, St. Vitus' Dance and Nervous Diseases permanently cured by Dr. Kline's Great Nerve Restorer. Send for FREE \$2.00 trial bottle and treatise. Dr. R. H. Kline, Ltd., 931 Arch Street, Philadelphia, Pa.

Pennsylvania's First Governor.

The first governor of Pennsylvania under the constitution of 1790 was Thomas Mifflin.

Mrs. Winslow's Soothing Syrup.

For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

Birthdays, holidays and weddings are what keep the average man poor.

FACTS FOR SICK WOMEN



LYDIA E. PINKHAM

No other medicine has been so successful in relieving the suffering of women or received so many genuine testimonials as has Lydia E. Pinkham's Vegetable Compound.

In every community you will find women who have been restored to health by Lydia E. Pinkham's Vegetable Compound. Almost every one you meet has either been benefited by it, or has friends who have.

In the Pinkham Laboratory at Lynn, Mass., any woman any day may see the files containing over one million one hundred thousand letters from women seeking health, and here are the letters in which they openly state over their own signatures that they were cured by Lydia E. Pinkham's Vegetable Compound.

Lydia E. Pinkham's Vegetable Compound has saved many women from surgical operations.

Lydia E. Pinkham's Vegetable Compound is made from roots and herbs, without drugs, and is wholesome and harmless.

The reason why Lydia E. Pinkham's Vegetable Compound is so successful is because it contains ingredients which act directly upon the feminine organism, restoring it to a healthy normal condition.

Women who are suffering from those distressing ills peculiar to their sex should not lose sight of these facts or doubt the ability of Lydia E. Pinkham's Vegetable Compound to restore their health.

DAISY FLY KILLER

placed anywhere attracts and kills all flies. Safe, clean, ornamental, convenient, cheap. Lasts all season. Absolutely harmless. Cannot spill or tip over, will not soil or injure anything. Guaranteed effective. Of all dealers, or sent prepaid for 25c. HANDED SONS, 149 De Kalb Ave., Brooklyn, N. Y.

WIDOWS' under NEW LAW obtained by JOHN W. MORRIS, Washington, D. C.

W. N. U., DENVER, NO. 27, 1908.

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